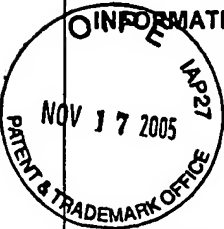


Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY  
APPLICANT

(Use as many sheets as necessary)

## Complete If Known

Application Number	10/719,381
Filing Date	November 20, 2003
First Named Inventor	Larry D. Cady, et al.
Art Unit	
Examiner Name	
Attorney Docket Number	DW0029USCNT

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
RH		US-5,326,602	07/05/1994	Mahmoud Rifi	
		US-5,470,993	11/28/1995	David D. Devore, et al.	
		US-5,556,928	09/17/1996	David D. Devore, et al.	
		US-5,624,878	04/29/1997	David D. Devore, et al.	
		US-5,869,591	02/09/1999	Kevin W. McKay, et al.	
RH		US-6,774,186 B2	08/10/2004	Kim L. Walton	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
RH		WO91/17194	11/14/1991	Bradley P. Etherton, et al.		
		WO94/06858	03/31/1994	Kevin W. McKay, et al.		
		WO95/08441	03/30/1995	Kelly R. Ahlgren		
		WO95/30698	11/16/1995	Jacob Renkema, et al.		
		WO98/07681	03/14/1996	Kevin W. McKay, et al.		
		WO96/33226	10/24/1996	Pradeep P. Shirodkar		
		WO98/27103	06/25/1998	Mark H. McAdon, et al.		
		WO98/32795	07/30/1998	Henry G. Heck, et al.		
		WO98/49211	11/05/1998	Lawrence T. Kale, et al.		
RH		WO98/49212	11/05/1998	Debra J. Mangold, et al.		
Examiner Signature				Date Considered	2-6-06	

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449/PTO <b>INFORMATION DISCLOSURE STATEMENT BY          APPLICANT</b>  (Use as many sheets as necessary)	<b>Complete If Known</b>	
	Application Number	10719,381
	Filing Date	November 20, 2003
	First Named Inventor	Larry D. Cady, et al.
	Art Unit	
	Examiner Name	
	Attorney Docket Number	DW0029USCNT

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
RH		US-2004/0127628 A1	07/01/2004	Kim L. Walton, et al.	
		US-2005/0009942 A1	01/13/2005	Kim L. Walton	
		US-2005/0176892 A1	08/11/2005	Laura B. Weaver, et al.	
		US-5869591 (equiv. of WO9607681)	02/09/1999	Kevin W. McKay, et al.	
		US-5977271 (equiv. of WO9607681)	11/02/1999	Kevin W. McKay, et al.	
RH		US-6111020 (equiv. of WO9607681)	08/29/2000	Steven R. Oriani, et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
RH		EP-0600425 B1	03/08/2000	Robert Babrowicz, et al.		
RH		EP-0751182 B1	10/01/2003	Masaaki Kawasaki, et al.		
RH		EP-0794226 A1	09/10/1997	Okada, Keiichi, et al.		

Examiner Signature		Date Considered	2-6-06
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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/719,381-Conf. #2561
				Filing Date	November 20, 2003
				First Named Inventor	Larry D. Cady
				Art Unit	1713
				Examiner Name	R. D. Harlan
Sheet	3	of	5	Attorney Docket Number	DW0029USCNT

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
RF		US-5965756 (equiv. Of WO9827103)	10/12/1999	Mark H. McAdon, et al.	
		US-6034022 (equiv. Of WO9827103)	03/07/2000	Mark H. McAdon, et al.	
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		US-6506842 (equiv. of WO9832795)	01/14/2003	Henry G. Heck, et al.	
		US-5414040 (equiv. of WO9406858)	05/09/1995	Kevin W. McKay, et al.	
		US-5580920 (equiv. of WO9406858)	12/03/1996	Kevin W. McKay, et al.	
RF		US-5747580 (equiv. of WO9406858)	05/05/1998	Kevin W. McKay, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

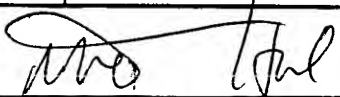
Examiner Signature		Date Considered	26-06
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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)	<b>Complete If Known</b>	
	Application Number	10/719,381
	Filing Date	November 20, 2003
	First Named Inventor	Larry D. Cady, et al.
	Art Unit	
	Examiner Name	
	Attorney Docket Number	DW0029USCNT

NON PATENT LITERATURE DOCUMENTS			T <sup>2</sup>
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
MF		STUDY OF LONG-CHAIN BRANCHING IN ETHYLENE POLYMERIZATION. Beigzadeh, D.; Soares, J. B. P.; Hamielec, Archie E. Department of Chemical Engineering, University of Waterloo, Waterloo, ON, N2L 3G1, Can. Polym. React. Eng. (1997), 5(3), 141-180. (Abstract)	
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		LONG CHAIN BRANCH GENERATION IN ETHYLENE- $\alpha$ -OLEFIN COPOLYMERIZATION SYSTEMS WITH OR WITHOUT METALLOCENE COMPOUNDS. Imai, Akio; Shiraishi, Hiroyuki; Jouhouji, Hirofumi. Petrochemicals Research Laboratory, Sumitomo Chemical Company, Sodegaura, 299-02, Japan. Stud. Surf. Sci. Catal. (1995), 92(Science and Technology in Catalysis 1994), 299-302. (Abstract)	
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MF		RELATION OF RHEOLOGICAL PROPERTIES AND STRUCTURE PARAMETER OF ETHYLENE-PROPYLENE-DIENE TRIPOLYMER. Zhou, Fengzhu. Changchun Inst. Appl. Chem., Acad. Sin., Changchun, Peop. Rep. China. Hecheng Xiangjiao Gongye (1986), 9(1), 42-7. (Abstract)	
EXAMINER SIGNATURE		DATE CONSIDERED	

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(Use as many sheets as necessary)</p>	<b>Complete if Known</b>	
	Application Number	10/719,381
	Filing Date	November 20, 2003
	First Named Inventor	Larry D. Cady, et al.
	Art Unit	
	Examiner Name	
	Attorney Docket Number	DW0029USCNT

NON PATENT LITERATURE DOCUMENTS			T <sup>2</sup>
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
My		CATALYST SYSTEM FOR MAKING TERPOLYMER RUBBER FROM ETHYLENE, PROPYLENE, AND A NONCONJUGATED POLYCYCLIC DIENE. Loveless, Frederick Charles; Miller, Don Hyde. (Uniroyal, Inc.). Ger. Offen., 16 pp. CODEN: GWXXBX. DE 2222210 721123. Patent written in German. Application: DE Priority: US 71-142058 710510 CAN 78:137657. (Abstract)	
I		BRANCHES OF POLYMERS. 2. DETERMINATION OF THE RATIO OF LONG CHAIN BRANCHES BY THE SOLUTION METHOD. Abe, Mitsuo; Kurata, Michio. Cent. Res. Inst., Nippon Synth. Rubber Co., Ltd., Tokyo, Japan. Kagaku (Kyoto), Zohan (1970), No. 43, 85-100. (Abstract)	
HP		ROSIN ESTER TACKIFIERS [AND FAULTY BUILDING TACK IN EPDM POLYERS]. Mueller, W. J.; Bennett, Bailey; Stickney, P.B. Battelle Mem. Inst., Columbus, OH, USA. Rubber Age (N.Y.) (1968), 100(6), 59-64. (Abstract)	
EXAMINER SIGNATURE 		DATE 2-6-06	

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.